

XXXX Cooperative Weed Management Area
YEAR XXXX
End of Year Report



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Introduction

The XXXX Cooperative Weed Management Area was developed to facilitate effective treatment and coordinate control efforts over the long-term. The XXXX CWMA has developed common management objectives, set realistic management priorities, and identified priority weed species.

The goals of the XXXX CWMA are to: Prevent the introduction, reproduction and spread of noxious weeds and invasive exotic plants; Reduce the extent and density of established noxious weeds to levels that are acceptable; Implement the most economical and effective control methods for target weeds; Implement an integrated management system using appropriate methods of treatment and control; Educate the public as to the importance of proper weed management and get the needed media coverage to show what is being done.

The area covered by this Agreement includes XXXX, XXXX, and a portion of XXXX Counties.

The major weeds of importance in the area include dyers woad, leafy spurge, perennial pepperweed, and yellow toadflax. Major efforts are being made to control these weeds each year.

The Chairperson of the XXXX CWMA is XXXX, with XXXX as Vice and XXXX as secretary. Cooperators in the CWMA include private landowners, county government, university, state and federal land management agencies, as well as interested individuals and organizations.

Summary of Year XXXX Projects

This year was another big success for the XXXX CWMA. The program is definitely growing each year and our reputation is spreading. The following were the primary accomplishments this year:

Coordination Meetings

Several coordination meeting were held prior to the field season to establish objectives, goals, finalize the annual operating plan, receive direction from the Idaho State Department of Agriculture, and plan the summers' events. Four coordination meetings were held.

Weed Warriors



Cooperators modified the XXXX logo for the year XXXX. This logo was put on a number of styles of hats and t-shirts that were handed out to participants at our school presentations and weed days. The hats and t-shirts were purchased through the XXXX CWMA.

School Presentations/Essay Contest



The XXXX CWMA updated our power-point presentation on the importance of weeds and took the presentation to nine local schools. 445 sixth graders were contacted and the presentations were positively received. Fact sheets and handouts including the “Idaho’s Noxious Weeds” booklets were given teachers and students. A 500-word essay contest on “How We Can Fight The Environmental Threat Of Noxious Weeds” was also presented. 132 excellent essays were written and nearly \$1,800 in cash awards was given out to the top three winners (\$25, \$50, and \$100) from each school. A grand prize was also presented to the writer of the best essay (\$200). Schoolteachers, students, and cooperators contributed an estimated 617 days for a total of \$11,635 contribution. Hundreds of students and parents were positively involved. This was again one of the highlights of the XXXX season.

Bag of Woad Contest



The CWMA offered a new program called the “Bag of Woad” this spring. Youth 16 and under were paid \$10 for each bag of dyers woad they brought in. The program was sponsored to increase public awareness of the growing weed problems with in the Highlands area and educate them about the importance of weed control. This program exceeded our wildest expectations as 1,662 bags of dyers woad were turned in totaling nearly 24 tons of the plant. A total of \$16,698 was given out to the youth and more could have been done if we would have had the money. Nearly 800 individuals contributed time with and estimated \$36,000 value. A

conservative 339 acres were treated. We are really excited about this program and hope to get additional funding for 2002 to offer the program again.

Biological Agent Releases



This year the CWMA concentrated on Canada and musk thistle again. Nearly \$5,000 was spent on these bio-agents. Due to the quantity requested and being able to consolidate our order with other CWMA's we were able to obtain a 50% reduction in price. Ninety-five releases of *Cassida* and ninety-five releases of *T-Horridus* were purchased by the Highlands and subsequently released on private, county, state, and federal lands. An additional 50,000 leafy spurge bugs were released during one of our workdays. Cooperators used 36 man-days distributing these agents for an estimated value of \$7,460. Using conservative Forest Service acres values (5 acres/release) **950 acres of land was treated.**

XXXX CWMA Work Days



Four workdays were accomplished this year including the following: XXXX Whitetop, XXXX Creek Leafy Spurge, XXXX River Perennial Pepperweed, and XXXX River Toadflax. Lunches were provided this year to participants. Approximately 155 people-days were contributed for an estimated \$30,690. **Approximately 612 acres were treated.**

In addition to the workdays, the CWMA sponsored a tour of past biological agent release sites to determine their effectiveness. The CWMA provided lunch and valuable insight was gained by those in attendance as to the effectiveness of biological agents.

Weed Mappers (XXXX and XXXX Counties)



Both XXXX and XXXX Counties hired a weed mapper that allowed them to spend the summer using GPS units to map weed sites in the county. Over 200 sites were mapped amounting to over 1,000 acres. Contributed dollars amounted to over \$22,000. Both counties were so impressed with the results that they have decided to fund this additional person for the 2002 season.

XXXX County Goat and Pepperweed Project



Two projects were conducted in XXXX this year as a result of the CWMA. One was a goat grazing project on leafy spurge and the other a tall whitetop project. Both projects were very successful with \$14,500 dollars of contributed time from landowners, BLM, and XXXX County. 261 acres of weeds were treated with these projects.

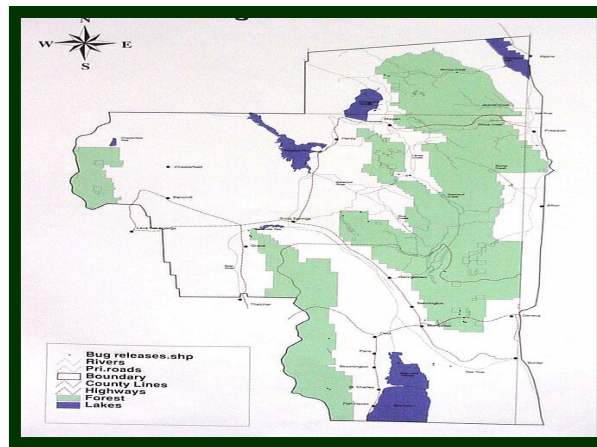
XXXX Lake Spray Project (XXXX County)

XXXX County worked with private landowners in the XXXX Lake area to treat noxious weeds. The county supplied the sprayers and the private landowners were billed for the herbicide. This was a very successful project. They were able to treat 67 acres of weeds.

Herbicide Purchases

Nearly \$14,000 worth of herbicide was purchased by the XXXX CWMA this year. These herbicides were used on workdays and distributed to cooperators and private landowners. Herbicide purchased included Tordon, 2,4-D, Escort, dye, and spreader agents.

GIS Mapping

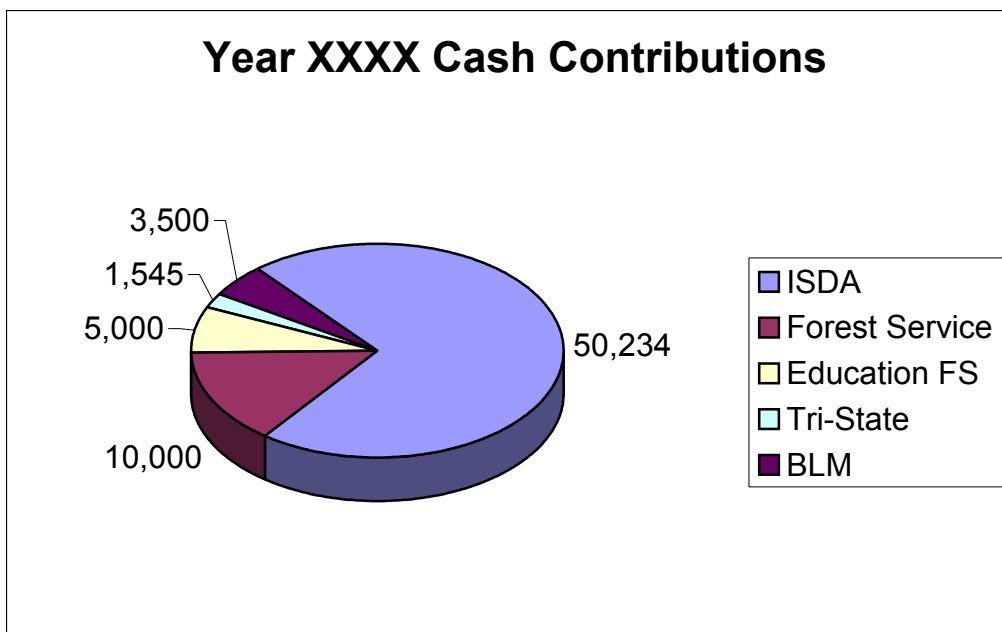


A GIS technician was hired to input known weed infestations, biological agent releases and update our current XXXX CWMA map. Keeping track of multiple owners and various weed species is a major accomplishment and a necessary tool to track successes and failures.

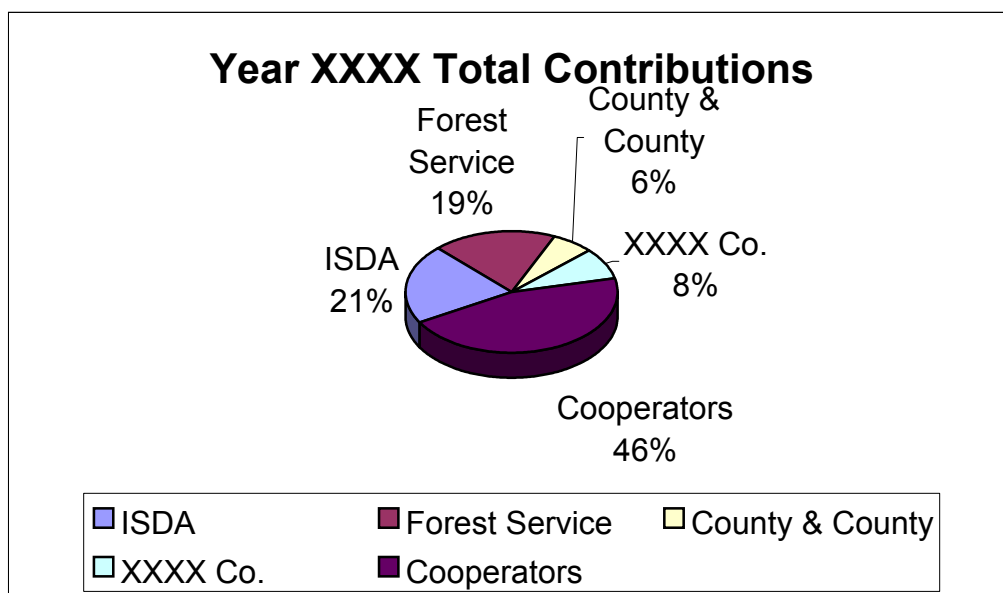
Over all the season was a great success and we are already looking forward to next year. Conservatively, 4,000 acres of weed-infested lands were treated. The charts show that nearly \$166,000 of contributed time and dollars were donated. A total of \$238,000 were spent or used in the XXXX area.

Contributions and Expenditures for the XXXX

The following pie chart shows a break down of all cash contributions obtained for the XXXX CWMA in the 2000 season. A total of \$70,279 dollars was received.



The following pie chart shows a break down of cash funds, contributed time, equipment, and supplies for the XXXX CWMA. \$166,000 was contributed (matching dollars), by cooperators and individuals. **This totaled \$238,000 for the 2001 season.**



XXXX (Next Year) Season

The XXXX CWMA has big plans for Year XXXX. Some of them include:

XXXX County, Utah will likely be added to the XXXX CWMA, which would then be a three state cooperative.

The Education program will be expanded to go to more schools within the CWMA. The essay contest will also be held again.

The “Bag of Woad” program will be improved resulting in participation and even greater success. The goal will be to educate the public and gain interest in weed control.

More “Work Days” will again be planned to help control weeds and help cooperators work together. Lunches and t-shirts/hats will again be provided.

Tours to our recently established bio-control sites will again be scheduled this year to determine which bio-agents are working and which aren’t.

We plan on participating with the XXXX CWMA for the leafy spurge bug collections this year.

Our mapping efforts will be continued to ensure good tracking of weed infestations, bio-agent releases, and property ownership.

Our overall goals include: educate the youth; fight weeds effectively; involve as many individuals and organizations as possible; be able to show positive results.

Appendix I (required)

Steering Committee

Chairman	Vice Chair	Secretary
Name	Name	Name
USFS	XXXX County	Private Landowner
City, ID	City, ID	City, ID
Phone	Phone	Phone
Email Address	Email Address	Email Address

Name	Name	Name
XXXX County	Weed & Pest	Private Landowner
City, ID	City, ID	City, ID
Phone	Phone	Phone
Email Address	Email Address	Email Address
Name	Name	Name
Idaho Dept. of Lands	BLM	USFWS
City, ID	City, ID	City, ID
Phone	Phone	Phone
Email Address	Email Address	Email Address

Appendix II (required)

Project Summaries: (Cost Share Funded Projects Only)

Category	Weed species	Acres treated	
Revegetation		0	
Biological Releases	Canada thistle	475	
	Musk thistle	475	
	Leafy spurge	250	
Treated	Hoary cress	185	
	Leafy spurge	2654	
	Perennial pepperweed	169	
	Dalmatian toadflax	60	
	Dyers woad	339	
Public Contacts	N/A	445 Public Contacts	
		Acres Surveyed	Acres Mapped
GPS/GIS Mapping	Leafy spurge	15000	1280
	Perennial pepperweed	1000	135

Appendix III (Important, but not required)

Maps

Appendix IV (Optional)

Publicity

Insert copies of news articles, letters, etc. of CWMA activities and accomplishments.